BLAZER EXPRESS OPERATIONS GUIDE

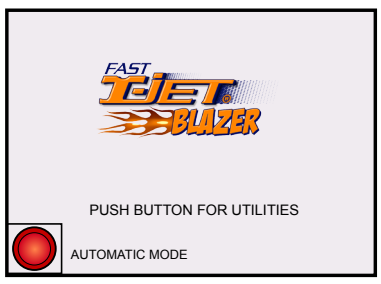
EQUIPMENT ZONE

REVISED DECEMBER 2007

STARTUP PROCESS

1. Turn on the Main Power Switch next to the AC cord (up position).

2. Wait 5 seconds for the virtual LED labeled "Automatic Mode" to turn red on the User Interface.



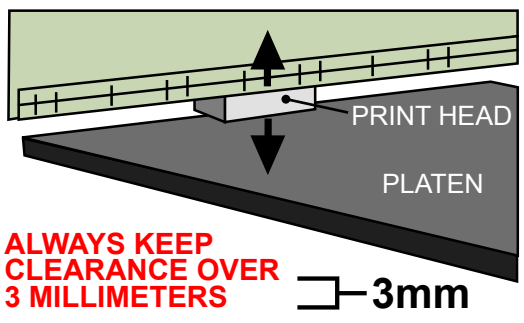
3. Press the POWER ON (orange) button on the User Interface.

POWER ON

Wait for printer to go through it's startup cycle.

PRINTING STEPS

1. Always check to make sure garments won't hit the print head. DO NOT mix materials with different thicknesses. See next step for adjusting height.



2. Adjust the height of the print bed if needed.

Clockwise lowers and counter-clockwise raises the print bed.

3. The printer should automatically be in it's HOME POSITION (see identification chart) and be in AUTO (print) MODE on the User Interface. You must be in AUTO MODE to Print.

AUTO

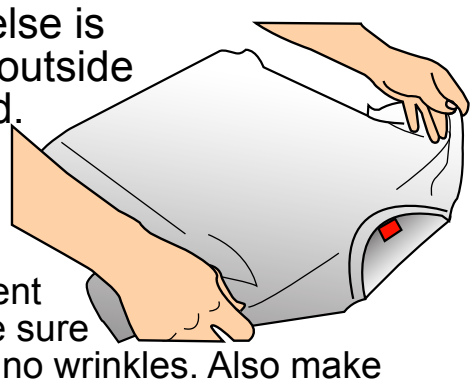
If not in both HOME POSITION and AUTO MODE, refer to the Common Concerns section of this guide.

4. Verify that the LCD display reads PAPER OUT with the two icons shown below.

There are times the display may read READY with a sheet icon.

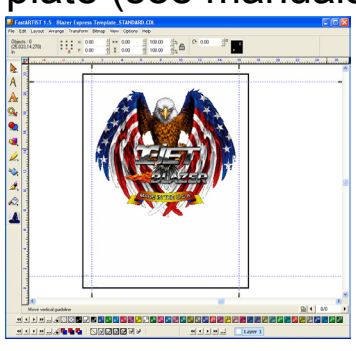
Press the left arrow button once to get to the proper PAPER OUT screen like above.

5. Shake shirt to get rid of loose fibers. Lay the garment on the Shirtboard. Fold sleeves and collar underneath. Make sure nothing else is hanging outside the board.



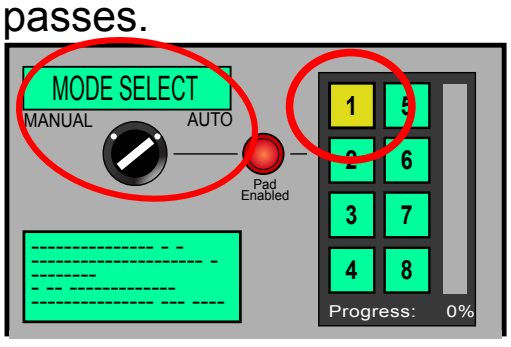
Smooth out garment and make sure there are no wrinkles. Also make sure the collar is out of the way.

6. Set up art in correct template (see manuals).



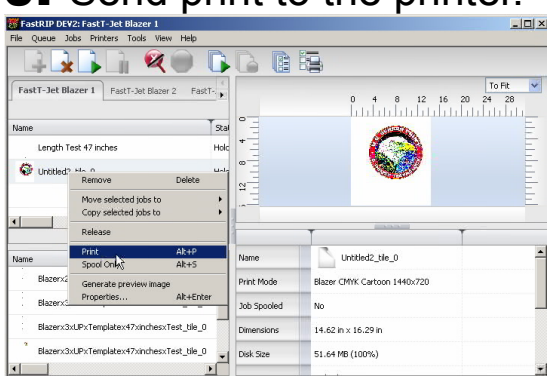
Select the artwork and then click File>Send to FastRIP. After selecting desired print mode(s) etc. click Print icon button on the Print Bar.

7. Now is the time to select your desired amount of print passes.



See the Common Concerns section of this guide for instructions.

8. Send print to the printer.



The job will spool and remain in the status of Holding Job Spooled. Next, right-click on the job and select Print.

9. Next, press and hold the green button on the User Interface for 1 second.

DO NOT hit the flashing green buttons until print job is sent from computer!

SHUTDOWN PROCESS

1. Press the OFF button (Red) on the User Interface.

OFF

2. Turn off the Main Power Switch located next to the power cord (down position). The printer needs to be shutdown this way to perform it's shut down cycle.

Use the EMERGENCY STOP (below the color cartridges) to quickly cancel a print job or to turn off the printer in an emergency.

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NIGHTLY MAINTENANCE (END OF EACH SHIFT)

1. RELEASE THE PRINT CARRIAGE FOR MAINTENANCE ACCESS

1. Lift the printer cover covering the print head. Locate the Carriage Release Button (blue).

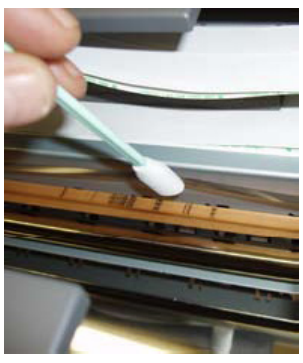
2. Press down on the Carriage Release Button. Hold and slide the Print Carriage towards the middle of the printer.

3. Manually return Print Carriage back to it's original position when done. It will click into position.

2. CLEAN THE ENCODER STRIP

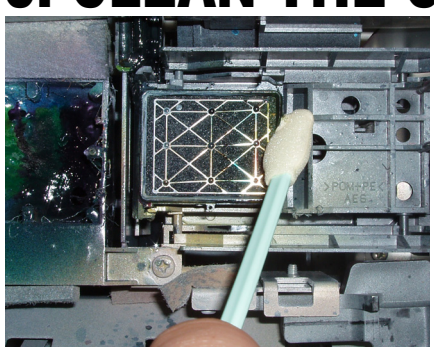
1. Wrap an alcohol pad around both sides of the Encoder strip and gently move the pad back and forth. Move the print carriage to opposite side and repeat process so that the entire encoder strip has been cleaned.

2. Manually return the Print Carriage back to the Capping Station to clean the rest of the Encoder Strip.



NOTE: *You can use foam-tipped swabs, water, glass cleaner or cleaning fluid, but for best results use Isopropyl Alcohol pads.*

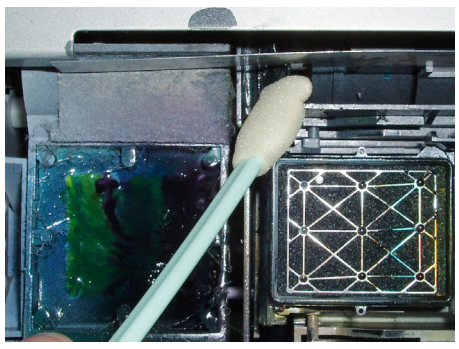
3. CLEAN THE CAPPING STATION



Ensure the outer rubber seal is free from dried ink and garment fibers. Using a foam swab, water, glass cleaner, cleaning fluid or Isopropyl Alcohol, clean the outer edge rubber part of the capping area.

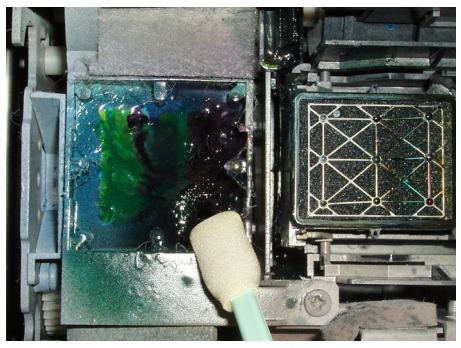
CAUTION: When cleaning the Capping Station, be careful NOT to move it out of position or the Print Head will not seat properly. DO NOT PUSH TOO HARD.

4. CLEAN THE WIPER BLADE



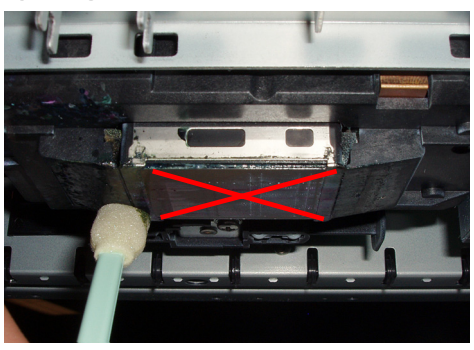
With a foam-tipped swab, wipe down both sides of the wiper blade as well as the top. Use HD cleaning solution or window cleaner if needed.

5. CLEAN OUT THE SPIT TRAY



The Spit Tray/Flushing Box assembly collects ink very quickly. Check it regularly. Clean it throughout the day or as necessary using a rag or anything that can soak up ink.

6. CLEAN THE PRINT HEAD AREA



Using a foam tipped swab, clean the OUTER EDGE of the print head area.

CAUTION: only clean around the sides, DO NOT touch the Nozzles.

7. POWER OFF PRINTER AT END OF SHIFT

See page 1 for details.

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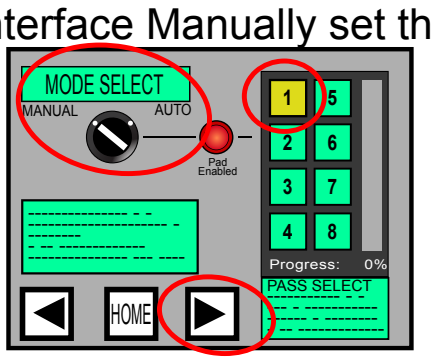
COMMON CONCERNS

CONSULT YOUR USERS MANUAL FOR COMPLETE LISTINGS

PRINTER IS NOT IN HOME (EJECT) POSITION FOR PRINTING

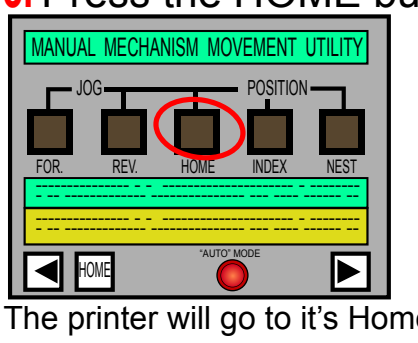
1. Using the User Interface Manually set the printer into it's HOME POSITION.

1. Arrow over to the Mode Select screen. Press the dial to point to MANUAL Mode. This is also where to select the amount of print passes.



2. Press the right arrow.

3. Press the HOME button.



The printer will go to it's Home position.

4. Return to the previous screen. Set the Mode Select back to AUTO to continue printing.

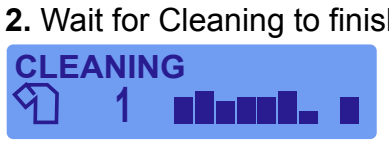
2. If Solution #1 did not work, check the LCD Screen for an error: Ink Cartridge Ready, Empty, No Cartridge or No Maintenance Tank. Consult the Troubleshooting chapter of the Users Manual.

PRINTS ARE WASHED OR WEAK LOOKING

1. Perform a Head Cleaning.

1. On the LCD Control Panel, press and hold the Right/Enter Key for 3 seconds.

2. Wait for Cleaning to finish.

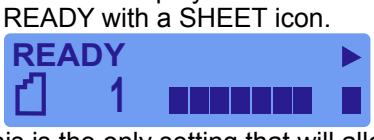


2. Perform a Nozzle Check.

1. Confirm that the printer is in it's Home Position. If it isn't, see steps above.

2. On the LCD Control Panel, press the Left Arrow Button twice.

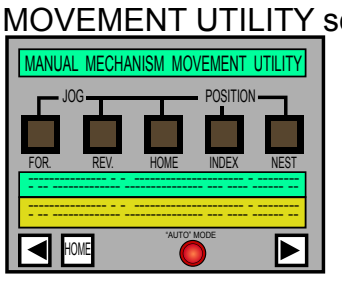
The LCD Display will read READY with a SHEET icon.



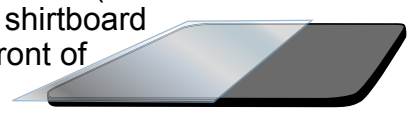
* This is the only setting that will allow you to move the printer assembly freely.

3. Set the User Mode to MANUAL (see first step on this page).

4. On the User Interface, arrow over to the MAINTENANCE MECHANISM MOVEMENT UTILITY screen.



5. Lay a sheet of film (included with kit) on the shirtboard closest to the front of the machine.



NOTE: *Make sure that the sticky side of film is up or ink won't stick.*

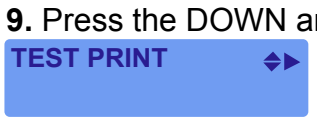
6. Go back to the User Interface and press the INDEX button.

7. Next, on the LCD Control Panel, press the left arrow button twice.

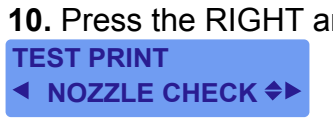
The LCD Display will read READY with a ROLL icon.

8. Press the RIGHT arrow.

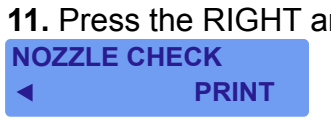
9. Press the DOWN arrow.



10. Press the RIGHT arrow.

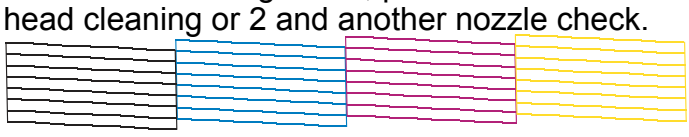


11. Press the RIGHT arrow.



12. Press the RIGHT arrow again to start the Nozzle Check.

13. The printout should look like picture below. If there are missing areas, perform another head cleaning or 2 and another nozzle check.



14. If nozzle checks are still bad, you may need to use cleaning cartridges or perform a Power Cleaning. See User's Manual for details.

PRINTS ARE OUT OF REGISTER OR HAVE LINES (BANDING)

1. Clean Encoder Strip and Spit Tray (see maintenance section). Check Capping Station and Wiper for build-up or loose fibers etc.

2. If above did not solve problem, the printer may need a head alignment. Has the printer been bumped or move around lately or has the print head come in contact with any object? See manual for print head alignment instructions.

PRINTS ARE BLURRY

1. Clean Capping Station and Wiper, Spit Tray and the Print Head Area (see maintenance section).

2. If above did not solve problem, check platen to head clearance. The print head may be too far from the garment to get a sharp print. Adjust as needed but always keep at least 3mm of clearance (see manual for details on adjusting the Platen to Head Clearance).

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IDENTIFICATION CHART

User Interface Controls